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 NEWS  5  DEC 14   2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
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 NEWS  7  DEC 21   IPC search and display fields enhanced in CA/CAplus with the
                   IPC reform
 NEWS  8  DEC 23   New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
                   USPAT2
 NEWS  9  JAN 13   IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
 NEWS 10  JAN 13   New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
                   INPADOC
 NEWS 11  JAN 17   Pre-1988 INPI data added to MARPAT
 NEWS 12  JAN 17   IPC 8 in the WPI family of databases including WPIFV
 NEWS 13  JAN 30   Saved answer limit increased
 NEWS 14  JAN 31   Monthly current-awareness alert (SDI) frequency
                   added to TULSA
 NEWS 15  FEB 21   STN AnaVist, Version 1.1, lets you share your STN AnaVist
                   visualization results
 NEWS 16  FEB 22   Status of current WO (PCT) information on STN
 NEWS 17  FEB 22   The IPC thesaurus added to additional patent databases on STN
 NEWS 18  FEB 22   Updates in EPFULL; IPC 8 enhancements added

 NEWS EXPRESS  FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
               V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
               http://download.cas.org/express/v8.0-Discover/

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FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.21       0.21
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FILE 'MEDLINE' ENTERED AT 10:50:36 ON 24 FEB 2006

FILE 'AGRICOLA' ENTERED AT 10:50:36 ON 24 FEB 2006

FILE 'CABA' ENTERED AT 10:50:36 ON 24 FEB 2006
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FILE 'BIOTECHNO' ENTERED AT 10:50:36 ON 24 FEB 2006
COPYRIGHT (C) 2006 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (wilkinson, j? or wilkinson j?)/au
L1 4643 (WILKINSON, J? OR WILKINSON J?)/AU

=> s (mcbride, k? or mcbride k?)/au
L2 411 (MCBRIDE, K? OR MCBRIDE K?)/AU

=> s (bertain, s? or bertain s?)/au
L3 12 (BERTAIN, S? OR BERTAIN S?)/AU

=> s l1 and l2 and l3
L4 1 L1 AND L2 AND L3

=> d l4 bib

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:392211 CAPLUS
DN 140:401352
TI Genetic vector comprising heterologous 3' termination sequence that function in plants
IN **Wilkinson, Jack Q.; McBride, Kevin; Bertain, Sean**
PA USA
SO U.S. Pat. Appl. Publ., 74 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004092020	A1	20040513	US 2003-600230	20030620
PRAI US 2002-390529P	P	20020620		

=> s l1 or l2 or l3
L5 5063 L1 OR L2 OR L3

=> s l5 and termination
L6 14 L5 AND TERMINATION

=> s l6 not l4
L7 13 L6 NOT L4

=> duplicate remove l7
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L7
L8 11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)

=> d l8 1-11 ti

L8 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
TI Expression of herbicide tolerance genes or pharmaceutical proteins in

plant plastids

L8 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sequences of strawberry vein banding virus (svbv) promoters and uses for gene expression in plant

L8 ANSWER 3 OF 11 MEDLINE on STN DUPLICATE 2
TI The chemopreventive agent oltipraz possesses potent antiangiogenic activity in vitro, ex vivo, and in vivo and inhibits tumor xenograft growth.

L8 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Enhancer elements for increased translation in plant plastids.

L8 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Constructs and methods for the expression of genes conferring herbicide tolerance or encoding pharmaceutical proteins in plant plastids

L8 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Expression constructs for use in plant plastids using ribosome binding sites that increase the efficiency of translation

L8 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Constructs and methods for the expression of exogenous genes in plant plastids, and uses thereof to confer herbicide tolerance to the host plant and/or produce therapeutic proteins

L8 ANSWER 8 OF 11 MEDLINE on STN
TI Mutations in SPINK5, encoding a serine protease inhibitor, cause Netherton syndrome.

L8 ANSWER 9 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Recurrence risks in offspring of adults with major heart defects: Results from first cohort of British Collaborative Study.

L8 ANSWER 10 OF 11 MEDLINE on STN
TI The use of exit interviews in health service facilities.

L8 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
TI Improved binary vectors for Agrobacterium-mediated plant transformation

=> s l8 and termination(w)sequence
L9 0 L8 AND TERMINATION(W) SEQUENCE

=> s polyadenylation(s)termination
L10 1260 POLYADENYLATION(S) TERMINATION

=> s l8 and l10
L11 0 L8 AND L10

=> d l8 1-2,4-7, 11 bib

L8 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1
AN 2002:942815 CAPLUS
DN 138:1080
TI Expression of herbicide tolerance genes or pharmaceutical proteins in plant plastids
IN Staub, Jeffrey M.; Hajdukiewicz, Peter; **McBride, Kevin E.**; Nehra, Narender; Schaaf, David J.; Stalker, David M.; Ye, Guangning
PA Calgene LLC, USA
SO U.S., 26 pp., Cont.-in-part of U.S. Ser. No. 113,257, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6492578	B1	20021210	US 1999-351123	19990710
	WO 2001004327	A1	20010118	WO 2000-US18727	20000710

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1998-113257 B2 19980710
US 1999-351123 A 19990710
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:391894 CAPLUS
DN 136:396979
TI Sequences of strawberry vein banding virus (svbv) promoters and uses for gene expression in plant
IN Wu, Gusui; **McBride, Kevin**
PA Maxygen, Inc., USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040691	A2	20020523	WO 2001-US47964	20011030

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002032554	A5	20020527	AU 2002-32554	20011030
US 2002182593	A1	20021205	US 2001-20540	20011030
PRAI US 2000-245354P	P	20001101		
WO 2001-US47964	W	20011030		

L8 ANSWER 4 OF 11 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2001:453350 BIOSIS
DN PREV200100453350
TI Enhancer elements for increased translation in plant plastids.
AU **McBride, Kevin E.** [Inventor, Reprint author]; Staub, Jeffrey M. [Inventor]
CS Davis, CA, USA
ASSIGNEE: Calgene LLC
PI US 6271444 20010807
SO Official Gazette of the United States Patent and Trademark Office Patents, (Aug. 7, 2001) Vol. 1249, No. 1. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 26 Sep 2001
Last Updated on STN: 22 Feb 2002

L8 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:53901 CAPLUS
DN 132:103755
TI Constructs and methods for the expression of genes conferring herbicide tolerance or encoding pharmaceutical proteins in plant plastids
IN Hajdukiewicz, Peter; **McBride, Kevin E.**; Nehra, Narender; Schaaf, David J.; Stalker, David M.; Staub, Jeffrey M.; Ye, Guangning
PA Calgene LLC, USA
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003022	A2	20000120	WO 1999-US15472	19990710
	WO 2000003022	A3	20000713		
	W: BR, CA, JP, MX				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2332700	AA	20000120	CA 1999-2332700	19990710
	EP 1097223	A2	20010509	EP 1999-933797	19990710
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9912498	A	20010918	BR 1999-12498	19990710
	JP 2002520024	T2	20020709	JP 2000-559243	19990710
PRAI	US 1998-113257	A	19980710		
	WO 1999-US15472	W	19990710		

L8 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:53889 CAPLUS
DN 132:103752
TI Expression constructs for use in plant plastids using ribosome binding sites that increase the efficiency of translation
IN **McBride, Kevin E.**; Staub, Jeffrey M.
PA Calgene LLC, USA
SO PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003017	A2	20000120	WO 1999-US15713	19990708
	WO 2000003017	A3	20000706		
	W: CA, JP, MX				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6271444	B1	20010807	US 1998-113690	19980710
	CA 2333308	AA	20000120	CA 1999-2333308	19990708
	EP 1095144	A2	20010502	EP 1999-933908	19990708
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002520022	T2	20020709	JP 2000-559238	19990708
PRAI	US 1998-113690	A	19980710		
	WO 1999-US15713	W	19990708		

L8 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2000:53875 CAPLUS
DN 132:103750
TI Constructs and methods for the expression of exogenous genes in plant plastids, and uses thereof to confer herbicide tolerance to the host plant and/or produce therapeutic proteins
IN **McBride, Kevin E.**; Nehra, Narender; Russell, Douglas A.; Stalker, David M.
PA Calgene LLC, USA
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003012	A2	20000120	WO 1999-US15473	19990710
	WO 2000003012	A3	20000608		
	W: BR, CA, JP, MX, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 2002053094	A1	20020502	US 1998-113244	19980710
	US 6512162	B2	20030128		

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     CA 2333148           AA    20000120    CA 1999-2333148        19990710
     EP 1097211           A2    20010509    EP 1999-933798         19990710
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, FI
     BR 9912019           A     20020219    BR 1999-12019          19990710
     JP 2002520019        T2    20020709    JP 2000-559233         19990710
     US 2003033636        A1    20030213    US 2002-103516         20020320
     US 6812379           B2    20041102
     US 2005283848        A1    20051222    US 2004-917774         20040813
PRAI US 1998-113244       A     19980710
     US 1999-316847       A     19990521
     WO 1999-US15473      W     19990710
     US 2002-103516       A3    20020320

L8   ANSWER 11 OF 11  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   1990:173592  CAPLUS
DN   112:173592
TI   Improved binary vectors for Agrobacterium-mediated plant transformation
AU   McBride, Kevin E.; Summerfelt, Kristin R.
CS   Calgene Inc., Davis, CA, 95616, USA
SO   Plant Molecular Biology (1990), 14(2), 269-76
     CODEN: PMBIDB; ISSN: 0167-4412
DT   Journal
LA   English


=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3            12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10

=> s ya and cleavage
L12           56 YA AND CLEAVAGE

=> s tayrta
L13            6 TAYRTA

=> s l12 or l13
L14           61 L12 OR L13

=> s l12 and l13
L15            1 L12 AND L13

=> d l15 ti

L15  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Genetic vector comprising heterologous 3' termination sequence that
     function in plants


=> duplicate remove l13
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)

=> d l16 1-2 ti
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L16  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Genetic vector comprising heterologous 3' termination sequence that
     function in plants

L16  ANSWER 2 OF 2     MEDLINE on STN                    DUPLICATE 1
TI   Saturation mutagenesis of a polyadenylation signal reveals a
     hexanucleotide element essential for mRNA 3' end formation in
     Saccharomyces cerevisiae.


=> d l16 2 bib

L16  ANSWER 2 OF 2     MEDLINE on STN                    DUPLICATE 1
AN   94105146     MEDLINE
DN   PubMed ID: 8278376
TI   Saturation mutagenesis of a polyadenylation signal reveals a
     hexanucleotide element essential for mRNA 3' end formation in
     Saccharomyces cerevisiae.
AU   Irniger S; Braus G H
CS   Institute of Microbiology, Swiss Federal Institute of Technology, Zurich.
SO   Proceedings of the National Academy of Sciences of the United States of
     America, (1994 Jan 4) 91 (1) 257-61.
     Journal code: 7505876. ISSN: 0027-8424.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
OS   GENBANK-Z35134
EM   199402
ED   Entered STN: 19940218
     Last Updated on STN: 19960129
     Entered Medline: 19940204


=> d his

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     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
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L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3            12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)

=> duplicate remove l12
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L12
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)

=> d l17 1-10 ti

L17  ANSWER 1 OF 27  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Genetic vector comprising heterologous 3' termination sequence that
     function in plants
```

L17 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Brevia: Enhancing gene targeting with designed zinc finger nucleases

L17 ANSWER 3 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN
TI Fibrinogen gamma-chain splice variant γ' alters fibrin formation and structure

L17 ANSWER 4 OF 27 MEDLINE on STN DUPLICATE 1
TI Nitric oxide in oocyte maturation, ovulation, fertilization, **cleavage** and implantation: a little dab'll do **ya**.

L17 ANSWER 5 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN
TI Molecular cloning of a potential Verticillium dahliae resistance gene Slve1 with multi-site polyadenylation from Solanum licopersicoides

L17 ANSWER 6 OF 27 MEDLINE on STN DUPLICATE 2
TI Fusion expression of the ORF5 gene of porcine reproductive and respiratory syndrome virus in insect cells.

L17 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Novel lactam metalloprotease inhibitors as antiinflammatory agents

L17 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Targeted chromosomal **cleavage** and mutagenesis in Drosophila using zinc-finger nucleases

L17 ANSWER 9 OF 27 MEDLINE on STN DUPLICATE 3
TI The FIRE3-mediated sterol response of the FAS promoter requires NF-Y/CBF as a coactivator.

L17 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nonenzymatic **cleavage** of oligoribonucleotides

=> d l17 10 bib

L17 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:356140 CAPLUS
DN 138:84948
TI Nonenzymatic **cleavage** of oligoribonucleotides
AU Kierzek, Ryszard
CS Institute of Bioorganic Chemistry, Polish Academy of Sciences, Poznan, 61-704, Pol.
SO Methods in Enzymology (2001), 341(Ribonucleases, Part A), 657-675
CODEN: MENZAU; ISSN: 0076-6879
PB Academic Press
DT Journal; General Review
LA English
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l17 11-20 ti

L17 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Kurgantaite CaSr[B5O9]Cl·H2O: revalidation of the mineral species and new data

L17 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI DNA damage by iron and hydrogen peroxide

L17 ANSWER 13 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Genetic dissection of **YA**, a nuclear lamina protein essential for the meiosis/mitosis transition in Drosophila eggs and embryos.

L17 ANSWER 14 OF 27 MEDLINE on STN DUPLICATE 4
TI The Drosophila fs(1)**Ya** protein, which is needed for the first mitotic division, is in the nuclear lamina and in the envelopes of **cleavage** nuclei, pronuclei, and nonmitotic nuclei.

L17 ANSWER 15 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Propionyl-CoA elimination may be a rate-determining step of selective **cleavage** of sterol side chain.

L17 ANSWER 16 OF 27 MEDLINE on STN DUPLICATE 5
TI Leishmanial protein kinases phosphorylate components of the complement system.

L17 ANSWER 17 OF 27 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN
TI Ethoxyquin-induced resistance to aflatoxin B.sub.1 in the rat is associated with the expression of a novel Alpha-class glutathione S-transferase subunit, Yc.sub.2, which possesses high catalytic activity for aflatoxin B.sub.1-8,9-epoxide

L17 ANSWER 18 OF 27 MEDLINE on STN DUPLICATE 6
TI Transcription and decay of the lac messenger: role of an intergenic terminator.

L17 ANSWER 19 OF 27 MEDLINE on STN DUPLICATE 7
TI The role of selenium-dependent and selenium-independent glutathione peroxidases in the formation of prostaglandin F2 alpha.

L17 ANSWER 20 OF 27 MEDLINE on STN DUPLICATE 8
TI Specificity of alkaline elastase Bacillus on the oxidized insulin A- and B-chains.

=> d l17 18 bib

L17 ANSWER 18 OF 27 MEDLINE on STN DUPLICATE 6
AN 91100294 MEDLINE
DN PubMed ID: 1702782
TI Transcription and decay of the lac messenger: role of an intergenic terminator.
AU Murakawa G J; Kwan C; Yamashita J; Nierlich D P
CS Department of Microbiology and Molecular Genetics, University of California, Los Angeles 90024-1489.
NC GM 07104 (NIGMS)
GM 37126 (NIGMS)
SO Journal of bacteriology, (1991 Jan) 173 (1) 28-36.
Journal code: 2985120R. ISSN: 0021-9193.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199102
ED Entered STN: 19910329
Last Updated on STN: 19970203
Entered Medline: 19910220

=> d l17 21-27 ti

L17 ANSWER 21 OF 27 MEDLINE on STN DUPLICATE 9
TI Mouse glutathione S-transferase **Ya** subunit: gene structure and sequence.

L17 ANSWER 22 OF 27 MEDLINE on STN DUPLICATE 10
TI Evidence for two forms of ligandin (YaYa dimers of glutathione S-transferase) in rat liver and kidney.

L17 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Study of 14C-1-tyrosine metabolism in the rat thyroid gland

L17 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN
TI Meso-ionic 1-amino-1,3,4-triazolium-2-thiolates

L17 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2006 ACS on STN

```
TI   Enthalpy of formation of N,N-difluorobenzylamine

L17  ANSWER 26 OF 27  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Thermal polymerization of s-triazines with opening of the ring

L17  ANSWER 27 OF 27  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Crystals of narsarsukite


=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3            12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)

=> call
CAL1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s call
L18         247 CAL1

=> s l18 and yeast
L19          83 L18 AND YEAST

=> s l19 and (polyadenylation or termination)
L20           0 L19 AND (POLYADENYLATION OR TERMINATION)

=> duplicate remove l19
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L19
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

=> d l21 1-10 ti

L21  ANSWER 1 OF 28  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Use of fusion proteins comprising geranylgeranylprotein transferase
     sequence homologs for identifying antifungal agents by two-hybrid
     screening

L21  ANSWER 2 OF 28  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Metabolic engineering of Saccharomyces cerevisiae for the synthesis of the
     wine-related antioxidant resveratrol

L21  ANSWER 3 OF 28  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Assays and reagents for identifying antifungal agents, and related uses

L21  ANSWER 4 OF 28     MEDLINE on STN                  DUPLICATE 1
TI   Prenylation of Rho1p is required for activation of yeast 1,
```

3-beta-glucan synthase.

L21 ANSWER 5 OF 28 MEDLINE on STN DUPLICATE 2
TI Active site determination of **yeast** geranylgeranyl protein transferase type I expressed in Escherichia coli.

L21 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
TI An efficient system for the expression and purification of **yeast** geranylgeranyl protein transferase type I

L21 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Characterization of **yeast** geranylgeranyl transferase type I expressed in Escherichia coli

L21 ANSWER 8 OF 28 MEDLINE on STN DUPLICATE 4
TI chs-4, a class IV chitin synthase gene from Neurospora crassa.

L21 ANSWER 9 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2006) on STN
TI chs-4, a class IV chitin synthase gene from Neurospora crassa.

L21 ANSWER 10 OF 28 MEDLINE on STN DUPLICATE 5
TI Mutational analysis of the beta-subunit of **yeast** geranylgeranyl transferase I.

=> d l21 11-10 ti
'11-10' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):11-20
'11-20' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):11-20 ti
'11-20' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d his
'D' IS NOT A VALID FORMAT
'HIS' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d
'D' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d l21 11-20 ti
'D' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):l21
'L135' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L21 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Use of fusion proteins comprising geranylgeranylprotein transferase sequence homologs for identifying antifungal agents by two-hybrid screening

=> d l21 11-20 ti

L21 ANSWER 11 OF 28 MEDLINE on STN DUPLICATE 6
TI Attenuated virulence of chitin-deficient mutants of Candida albicans.

L21 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN
TI Mutant farnesyltransferase β subunit of Saccharomyces cerevisiae that can substitute for geranylgeranyltransferase type I β subunit

L21 ANSWER 13 OF 28 MEDLINE on STN DUPLICATE 7
TI DNA sequence analysis of a 35 kb segment from Saccharomyces cerevisiae chromosome VII reveals 19 open reading frames including RAD54, ACE1/CUP2, PMR1, RCK1, AMS1 and **CAL1**/CDC43.

L21 ANSWER 14 OF 28 MEDLINE on STN DUPLICATE 8
TI **Yeast** Krelp is a cell surface O-glycoprotein.

L21 ANSWER 15 OF 28 MEDLINE on STN
TI Mutagenesis and biochemical analysis of recombinant **yeast** prenyltransferases.

L21 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 9
TI Are **yeast** chitin synthases regulated at the transcriptional or the posttranslational level?.

L21 ANSWER 17 OF 28 MEDLINE on STN DUPLICATE 10
TI Chitin synthase 3 from **yeast** has zymogenic properties that depend on both the **CAL1** and the CAL3 genes.

L21 ANSWER 18 OF 28 MEDLINE on STN
TI Disruption of two genes for chitin synthase in the phytopathogenic fungus Ustilago maydis.

L21 ANSWER 19 OF 28 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI The Schizosaccharomyces pombe cwg2+ gene codes for the beta subunit of a geranylgeranyltransferase type I required for beta-glucan synthesis.

L21 ANSWER 20 OF 28 MEDLINE on STN DUPLICATE 11
TI Absence of cell wall chitin in Saccharomyces cerevisiae leads to resistance to Kluyveromyces lactis killer toxin.

=> d l21 16 bib

L21 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 9
AN 95059000 MEDLINE
DN PubMed ID: 7969112
TI Are **yeast** chitin synthases regulated at the transcriptional or the posttranslational level?.
AU Choi W J; Santos B; Duran A; Cabib E
CS Laboratory of Biochemistry and Metabolism, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, Maryland 20892.
SO Molecular and cellular biology, (1994 Dec) 14 (12) 7685-94.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 199412
ED Entered STN: 19950110
Last Updated on STN: 19950110
Entered Medline: 19941220

=> d l21 21-28 ti

L21 ANSWER 21 OF 28 BIOTECHNO COPYRIGHT 2006 Elsevier Science B.V. on STN
TI Genetics and molecular biology of chitin synthesis in fungi

L21 ANSWER 22 OF 28 MEDLINE on STN DUPLICATE 12
TI Cloning of the chitin synthase 3 gene from Candida albicans and its expression during **yeast**-hyphal transition.

L21 ANSWER 23 OF 28 MEDLINE on STN
TI Biosynthesis of cell wall and septum during **yeast** growth.

L21 ANSWER 24 OF 28 MEDLINE on STN DUPLICATE 13
TI DIT101 (CSD2, **CAL1**), a cell cycle-regulated **yeast** gene required for synthesis of chitin in cell walls and chitosan in spore walls.

L21 ANSWER 25 OF 28 MEDLINE on STN DUPLICATE 14
TI RHO gene products, putative small GTP-binding proteins, are important for activation of the **CAL1**/CDC43 gene product, a protein geranylgeranyltransferase in Saccharomyces cerevisiae.

L21 ANSWER 26 OF 28 MEDLINE on STN DUPLICATE 15
TI **Yeast CAL1** is a structural and functional homologue to the DPR1 (RAM) gene involved in ras processing.

L21 ANSWER 27 OF 28 MEDLINE on STN DUPLICATE 16
TI Protein geranylgeranyltransferase of Saccharomyces cerevisiae is specific for Cys-Xaa-Xaa-Leu motif proteins and requires the CDC43 gene product but not the DPR1 gene product.

L21 ANSWER 28 OF 28 MEDLINE on STN DUPLICATE 17
TI Genetic study of the role of calcium ions in the cell division cycle of Saccharomyces cerevisiae: a calcium-dependent mutant and its trifluoperazine-dependent pseudorevertants.

=> d l21 24 bib

L21 ANSWER 24 OF 28 MEDLINE on STN DUPLICATE 13
AN 93190637 MEDLINE
DN PubMed ID: 1293886
TI DIT101 (CSD2, **CAL1**), a cell cycle-regulated **yeast** gene required for synthesis of chitin in cell walls and chitosan in spore walls.
AU Pammer M; Briza P; Ellinger A; Schuster T; Stucka R; Feldmann H; Breitenbach M
CS Institut fur Mikrobiologie und Genetik, Universitat Wien, Austria.
SO Yeast (Chichester, England), (1992 Dec) 8 (12) 1089-99.
Journal code: 8607637. ISSN: 0749-503X.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199304
ED Entered STN: 19930416
Last Updated on STN: 19930416
Entered Medline: 19930405

=> d his

(FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

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     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
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L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18          247 S CAL1
L19           83 S L18 AND YEAST
L20            0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

=> file uspatfull
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    79.95      80.16

FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 23 Feb 2006 (20060223/PD)
FILE LAST UPDATED: 23 Feb 2006 (20060223/ED)
HIGHEST GRANTED PATENT NUMBER: US7003800
HIGHEST APPLICATION PUBLICATION NUMBER: US2006041984
CA INDEXING IS CURRENT THROUGH 23 Feb 2006 (20060223/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 23 Feb 2006 (20060223/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005


=> s l4
            293 WILKINSON, J?/AU
            293 WILKINSON J?/AU
             52 MCBRIDE, K?/AU
             52 MCBRIDE K?/AU
              2 BERTAIN, S?/AU
              2 BERTAIN S?/AU
L22           2 L1 AND L2 AND L3

=> d l22 1-2 ti

L22  ANSWER 1 OF 2  USPATFULL on STN
TI     Vectors for plant transformation and methods of use

L22  ANSWER 2 OF 2  USPATFULL on STN
TI     Genetic construct having heterologous 3' polyadenylation signal motifs
       that function in plants


=> d l22 1-2 bib

L22  ANSWER 1 OF 2  USPATFULL on STN
AN     2006:48477  USPATFULL
TI     Vectors for plant transformation and methods of use
IN     Lassner, Michael, Foster City, CA, UNITED STATES
         McBride, Kevin E., Davis, CA, UNITED STATES
         Wilkinson, Jack Q., Redwood City, CA, UNITED STATES
```

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          Bertain, Sean M., Piedmont, CA, UNITED STATES
PA      Pioneer Hi-Bred International, Inc. (U.S. corporation)
PI      US 2006041956       A1   20060223
AI      US 2005-100258      A1   20050406 (11)
PRAI    US 2004-559895P      20040406 (60)
DT      Utility
FS      APPLICATION
LREP    PIONEER HI-BRED INTERNATIONAL, INC., 7250 N.W. 62ND AVENUE, P.O. BOX
        552, JOHNSTON, IA, 50131-0552, US
CLMN    Number of Claims: 19
ECL     Exemplary Claim: 1
DRWN    18 Drawing Page(s)
LN.CNT 2043

L22  ANSWER 2 OF 2  USPATFULL on STN
AN      2004:120610  USPATFULL
TI      Genetic construct having heterologous 3' polyadenylation signal motifs
        that function in plants
IN      Wilkinson, Jack Q., Redwood City, CA, UNITED STATES
          McBride, Kevin, Davis, CA, UNITED STATES
          Bertain, Sean, Piedmont, CA, UNITED STATES
PI      US 2004092020       A1   20040513
AI      US 2003-600230      A1   20030620 (10)
PRAI    US 2002-390529P      20020620 (60)
DT      Utility
FS      APPLICATION
LREP    MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515 GALVESTON DRIVE,
        RED WOOD CITY, CA, 94063
CLMN    Number of Claims: 17
ECL     Exemplary Claim: 1
DRWN    4 Drawing Page(s)
LN.CNT 4490
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
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L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18          247 S CAL1
L19           83 S L18 AND YEAST
L20            0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

     FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006
L22            2 S L4

=> s l5
            293 WILKINSON, J?/AU
            293 WILKINSON J?/AU
             52 MCBRIDE, K?/AU
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            52 MCBRIDE K?/AU
             2 BERTAIN, S?/AU
             2 BERTAIN S?/AU
L23        342 L1 OR L2 OR L3

=> s l23 and termination
        186841 TERMINATION
L24         45 L23 AND TERMINATION

=> s l24 and plant
        243178 PLANT
L25         30 L24 AND PLANT

=> s l25 not l22
L26         28 L25 NOT L22

=> d l26 1-10 ti

L26  ANSWER 1 OF 28  USPATFULL on STN
TI     Production of antibodies

L26  ANSWER 2 OF 28  USPATFULL on STN
TI     Control of gene expression in eukaryotic cells

L26  ANSWER 3 OF 28  USPATFULL on STN
TI     Glyphosate resistant plants using hybrid promoter constructs

L26  ANSWER 4 OF 28  USPATFULL on STN
TI     Plants having high plant map values

L26  ANSWER 5 OF 28  USPATFULL on STN
TI     Control of gene expression in eukaryotic cells

L26  ANSWER 6 OF 28  USPATFULL on STN
TI     Production of antibodies

L26  ANSWER 7 OF 28  USPATFULL on STN
TI     Novel plant expression constructs

L26  ANSWER 8 OF 28  USPATFULL on STN
TI     Novel plant expression constructs

L26  ANSWER 9 OF 28  USPATFULL on STN
TI     Mammalian SIMP protein, gene sequence and uses thereof in cancer therapy

L26  ANSWER 10 OF 28  USPATFULL on STN
TI     Cotton fiber transcriptional factors


=> s l26 cal1
MISSING OPERATOR L26 CAL1
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l26 and cal1
           179 CAL1
L27          0 L26 AND CAL1

=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1         4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2          411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3           12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4            1 S L1 AND L2 AND L3
L5         5063 S L1 OR L2 OR L3
L6           14 S L5 AND TERMINATION
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L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18          247 S CAL1
L19           83 S L18 AND YEAST
L20            0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

     FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006
L22            2 S L4
L23          342 S L5
L24           45 S L23 AND TERMINATION
L25           30 S L24 AND PLANT
L26           28 S L25 NOT L22
L27            0 S L26 AND CAL1

=> s l12
          5429 YA
         95866 CLEAVAGE
L28        390 YA AND CLEAVAGE

=> s ya same cleavage
          5429 YA
       3333621 SAME
         95866 CLEAVAGE
L29            0 YA SAME CLEAVAGE
                 (YA(W)SAME(W)CLEAVAGE)

=> s ya(s)cleavage
          5429 YA
         95866 CLEAVAGE
L30           10 YA(S)CLEAVAGE

=> s tayrta
L31            1 TAYRTA

=> d l31 ti

L31  ANSWER 1 OF 1  USPATFULL on STN
TI     Genetic construct having heterologous 3' polyadenylation signal motifs
       that function in plants


=> d l30 1-10 ti

L30  ANSWER 1 OF 10  USPATFULL on STN
TI     Targeted chromosomal mutagenasis using zinc finger nucleases

L30  ANSWER 2 OF 10  USPATFULL on STN
TI     Novel analogues of glucose-dependent insulinotropic polypeptide

L30  ANSWER 3 OF 10  USPATFULL on STN
TI     Gilvocarcin gene cluster, recombinant production and use thereof

L30  ANSWER 4 OF 10  USPATFULL on STN
TI     Acyl-nucleotide probes and methods of their synthesis and use in
       proteomic analysis

L30  ANSWER 5 OF 10  USPATFULL on STN
TI     Fibrinogenolytic proteases with thrombolytic and antihypertensive
       activities from Taiwan habu: medical application and novel process of
       expression and production
```

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L30  ANSWER 6 OF 10  USPATFULL on STN
TI     Genetic construct having heterologous 3' polyadenylation signal motifs
       that function in plants

L30  ANSWER 7 OF 10  USPATFULL on STN
TI     Proteins, polynucleotides encoding them and methods of using the same

L30  ANSWER 8 OF 10  USPATFULL on STN
TI     Novel analogues of glucose-dependent insulinotropic polypeptide

L30  ANSWER 9 OF 10  USPATFULL on STN
TI     Mutant pro-neurotrophin with improved activity

L30  ANSWER 10 OF 10  USPATFULL on STN
TI     Fibrinogenolytic proteases with thrombolytic and antihypertensive
       activities: medical application and novel process of expression and
       production


=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3            12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18          247 S CAL1
L19           83 S L18 AND YEAST
L20            0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

     FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006
L22            2 S L4
L23          342 S L5
L24           45 S L23 AND TERMINATION
L25           30 S L24 AND PLANT
L26           28 S L25 NOT L22
L27            0 S L26 AND CAL1
L28          390 S L12
L29            0 S YA SAME CLEAVAGE
L30           10 S YA(S)CLEAVAGE
L31            1 S TAYRTA

=> s cal1
L32          179 CAL1

=> s l32 and plant
        243178 PLANT
L33           16 L32 AND PLANT

=> s l33 not l22
L34           15 L33 NOT L22
```

=> d l34 1-10 ti

L34 ANSWER 1 OF 15 USPATFULL on STN
TI Microbial protein expression system

L34 ANSWER 2 OF 15 USPATFULL on STN
TI Nucleic acid sequences relating to Candida albicans for diagnostics and therapeutics

L34 ANSWER 3 OF 15 USPATFULL on STN
TI **Plant** genes that confer resistance to strains of magnaporthe grisea having avri co39 cultivar specificity gene

L34 ANSWER 4 OF 15 USPATFULL on STN
TI Complementary peptide ligands generated from **plant** genomes

L34 ANSWER 5 OF 15 USPATFULL on STN
TI Evolution of whole cells and organisms by recursive sequence recombination

L34 ANSWER 6 OF 15 USPATFULL on STN
TI Calpaines, production and use thereof

L34 ANSWER 7 OF 15 USPATFULL on STN
TI Phosphorus-controllable recombinant expression of polypeptides in plants

L34 ANSWER 8 OF 15 USPATFULL on STN
TI Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

L34 ANSWER 9 OF 15 USPATFULL on STN
TI Apparatus and method for detecting electrical resistance change in connectors to a remote mounted sensor

L34 ANSWER 10 OF 15 USPATFULL on STN
TI Methods for recovering polypeptides from plants and portions thereof

=> d l34 kwic

L34 ANSWER 1 OF 15 USPATFULL on STN
DRWD . . . and D required for delivery to eukaryotic cell (iv) Type IV--newly classified group including systems involved in DNA transfer to **plant** or other bacterial cells (e.g. T-DNA of Agrobacterium tumefaciens, 11 virB genes, unlikely to go via periplasmic intermediate) and pertussis. . .
DETD **Cal1** polypeptide is synthesised with a 20 aa cleavable SP. Following translocation across the inner membrane (presumably via the sec pathway),. . .

=> d l34 bib

L34 ANSWER 1 OF 15 USPATFULL on STN
AN 2005:179488 USPATFULL
TI Microbial protein expression system
IN Korpela, Timo, Turku, FINLAND
Macintyre-Ayane, Sheila, Reading, UNITED KINGDOM
Zavialov, Anton, Moscow, RUSSIAN FEDERATION
Battchikova, Natalia, Turku, FINLAND
Petrovskaya, Lada, Moscow, RUSSIAN FEDERATION
Zav'yalov, Vladimir, Moscow, RUSSIAN FEDERATION
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PA Biotecnol S.A., Oeiras, PORTUGAL (non-U.S. corporation)
PI US 6919198 B1 20050719
WO 2000066756 20001109
AI US 2001-959650 20000503 (9)

WO 2000-FI387 20000503
20020226 PCT 371 date
PRAI FI 2001-991014 19990504
DT Utility
FS GRANTED
EXNAM Primary Examiner: McKelvey, Terry; Assistant Examiner: Vogel, Nancy T.
LREP Birch, Stewart, Kolasch & Birch, LLP
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN 20 Drawing Figure(s); 14 Drawing Page(s)
LN.CNT 1146
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l34 11-15 ti

L34 ANSWER 11 OF 15 USPATFULL on STN
TI Methods and compositions for the identification, characterization and inhibition of farnesyltransferase

L34 ANSWER 12 OF 15 USPATFULL on STN
TI Process control system for versatile control of multiple process devices of various device types

L34 ANSWER 13 OF 15 USPATFULL on STN
TI Methods and compositions for the identification, characterization, and inhibition of farnesyl protein transferase

L34 ANSWER 14 OF 15 USPATFULL on STN
TI Methods for the identification of farnesyltransferase inhibitors

L34 ANSWER 15 OF 15 USPATFULL on STN
TI Tetrapeptide-based inhibitors of farnesyl transferase

=> d l34 11 kwic

L34 ANSWER 11 OF 15 USPATFULL on STN
SUMM . . . of RNA from which the clone bank is to be generated. One may mention by way of example, yeast, mammalian, **plant**, eukaryotic parasites and even viral-infected types of cells as the source of starting poly A.sup.+ RNA.
DETD . . . yeast counterpart prenyl transferases, very recently two additional putative β subunits of yeast prenyltransferases have been identified, BET2 (47) and **CAL1** (48). Both sequences resemble the DPR1/RAM1 gene product and the β subunit of the rat brain farnesyltransferase. A mutation in. . . CC, which has recently been shown to be geranylgeranylated in animal cells (49). The second putative β-subunit, encoded by the **CAL1** gene, is necessary for yeast to control the cell cycle when deprived of calcium. Based on a genetic argument, it. . .

=> d l34 11, 13, 14, 15 bib

L34 ANSWER 11 OF 15 USPATFULL on STN
AN 2000:84258 USPATFULL
TI Methods and compositions for the identification, characterization and inhibition of farnesyltransferase
IN Brown, Michael S., Dallas, TX, United States
Goldstein, Joseph L., Dallas, TX, United States
Reiss, Yuval, Dallas, TX, United States
Marsters, Jim, Oakland, CA, United States
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 6083917 20000704
AI US 1992-935087 19920824 (7)
RLI Continuation-in-part of Ser. No. US 822011
DT Utility
FS Granted

EXNAM Primary Examiner: Davenport, Avis M.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN 34 Drawing Figure(s); 29 Drawing Page(s)
LN.CNT 3386
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 13 OF 15 USPATFULL on STN
AN 1999:137000 USPATFULL
TI Methods and compositions for the identification, characterization, and inhibition of farnesyl protein transferase
IN Brown, Michael S., Dallas, TX, United States
Goldstein, Joseph L., Dallas, TX, United States
Reiss, Yuval, Tel-Aviv, Israel
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 5976851 19991102
AI US 1993-21625 19930216 (8)
RLI Continuation-in-part of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. WO 1991-US2650, filed on 18 Apr 1991 which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20 Nov 1990, now patented, Pat. No. US 5141851 which is a continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Low, Christopher S. F.
LREP Arnold, White & Durkee
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 43 Drawing Figure(s); 34 Drawing Page(s)
LN.CNT 3074
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 14 OF 15 USPATFULL on STN
AN 1999:121146 USPATFULL
TI Methods for the identification of farnesyltransferase inhibitors
IN Brown, Michael S., Dallas, TX, United States
Goldstein, Joseph L., Dallas, TX, United States
James, Guy L., Dallas, TX, United States
PA Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)
PI US 5962243 19991005
AI US 1995-429964 19950427 (8)
RLI Continuation-in-part of Ser. No. US 1993-21625, filed on 16 Feb 1993 which is a continuation-in-part of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-937893, filed on 22 Dec 1992 which is a continuation of Ser. No. WO 1991-US2650, filed on 18 Apr 1991 which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20 Nov 1990, now patented, Pat. No. US 5141851 which is a continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Wax, Robert A.; Assistant Examiner: Slobodyansky, Elizabeth
LREP Arnold White & Durkee
CLMN Number of Claims: 34
ECL Exemplary Claim: 1
DRWN 55 Drawing Figure(s); 42 Drawing Page(s)
LN.CNT 4835
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L34 ANSWER 15 OF 15 USPATFULL on STN
AN 95:47840 USPATFULL
TI Tetrapeptide-based inhibitors of farnesyl transferase
IN Brown, Michael S., Dallas, TX, United States
Goldstein, Joseph L., Dallas, TX, United States
Reiss, Yuval, Dallas, TX, United States
PA Board of Regents, The University of Texas, Austin, TX, United States

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       (U.S. corporation)
PI     US 5420245               19950530
AI     US 1992-863169           19920403 (7)
RLI    Division of Ser. No. US 1992-822011, filed on 16 Jan 1992, now abandoned
       which is a continuation-in-part of Ser. No. US 1990-615715, filed on 20
       Nov 1990, now patented, Pat. No. US 5141851 which is a
       continuation-in-part of Ser. No. US 1990-510706, filed on 18 Apr 1990,
       now abandoned
DT     Utility
FS     Granted
EXNAM  Primary Examiner: Cashion, Jr., Merrell C.; Assistant Examiner:
       Davenport, A. M.
LREP   Arnold, White & Durkee
CLMN   Number of Claims: 10
ECL    Exemplary Claim: 1
DRWN   36 Drawing Figure(s); 21 Drawing Page(s)
LN.CNT 2903
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d his

     (FILE 'HOME' ENTERED AT 10:50:28 ON 24 FEB 2006)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     10:50:36 ON 24 FEB 2006
L1          4643 S (WILKINSON, J? OR WILKINSON J?)/AU
L2           411 S (MCBRIDE, K? OR MCBRIDE K?)/AU
L3            12 S (BERTAIN, S? OR BERTAIN S?)/AU
L4             1 S L1 AND L2 AND L3
L5          5063 S L1 OR L2 OR L3
L6            14 S L5 AND TERMINATION
L7            13 S L6 NOT L4
L8            11 DUPLICATE REMOVE L7 (2 DUPLICATES REMOVED)
L9             0 S L8 AND TERMINATION(W)SEQUENCE
L10         1260 S POLYADENYLATION(S)TERMINATION
L11            0 S L8 AND L10
L12           56 S YA AND CLEAVAGE
L13            6 S TAYRTA
L14           61 S L12 OR L13
L15            1 S L12 AND L13
L16            2 DUPLICATE REMOVE L13 (4 DUPLICATES REMOVED)
L17           27 DUPLICATE REMOVE L12 (29 DUPLICATES REMOVED)
L18          247 S CAL1
L19           83 S L18 AND YEAST
L20            0 S L19 AND (POLYADENYLATION OR TERMINATION)
L21           28 DUPLICATE REMOVE L19 (55 DUPLICATES REMOVED)

     FILE 'USPATFULL' ENTERED AT 11:12:43 ON 24 FEB 2006
L22            2 S L4
L23          342 S L5
L24           45 S L23 AND TERMINATION
L25           30 S L24 AND PLANT
L26           28 S L25 NOT L22
L27            0 S L26 AND CAL1
L28          390 S L12
L29            0 S YA SAME CLEAVAGE
L30           10 S YA(S)CLEAVAGE
L31            1 S TAYRTA
L32          179 S CAL1
L33           16 S L32 AND PLANT
L34           15 S L33 NOT L22

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:n

=> y
Y IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
```

For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	22.73	102.89

STN INTERNATIONAL LOGOFF AT 11:19:34 ON 24 FEB 2006